Wired Remote Control
MWR-WH02

Air Conditioner
user manual

imagine the possibilities

Thank you for purchasing this Samsung product.

ⒺⓈⒻⒾⓅⒹⒼ№P0HuⓇⒶDB98-33323A(1)

SAMSUNG

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Safety Precautions

- ***Before using the wired remote controller, read carefully these instructions.***
- ***After reading the instructions, keep this user's manual in a handy and safe place. If a user is changed, you must hand over the manuals.***
- ***Never attempt to install the air conditioning system or to move the wired remote controller by yourself.***

⚠ WARNING

- ◆ Do not attempt to install or repair this wired remote controller by yourself.
- ◆ This remote controller contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- ◆ When moving, consult authorized service personnel for disconnection and installation of the remote controller.
- ◆ Ensure that the wall is strong enough to support the weight of the remote controller.
- ◆ Must install the remote controller with rated power supply.
- ◆ In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.

⚠ CAUTION

- ◆ Do not use inflammable gases near the remote controller.
- ◆ Do not spill water into the wired remote controller.
- ◆ Do not operate the remote controller with wet hands.
- ◆ Do not install the remote controller in a location where it will come into contact with the combustible gases, machine oil, sulphide gas, etc.
- ◆ Do not press buttons with a pointed thing.
- ◆ Do not pull or bend the wired remote controller cable excessively.
- ◆ Do not use this wired remote controller for other purpose.
- ◆ Do not spray an insecticide or other combustible things on the wired remote controller.
- ◆ Do not clean the wired remote controller with benzene, solvents or other chemicals.
- ◆ Do not give a shock to the wired remote controller or disassemble it by yourself.

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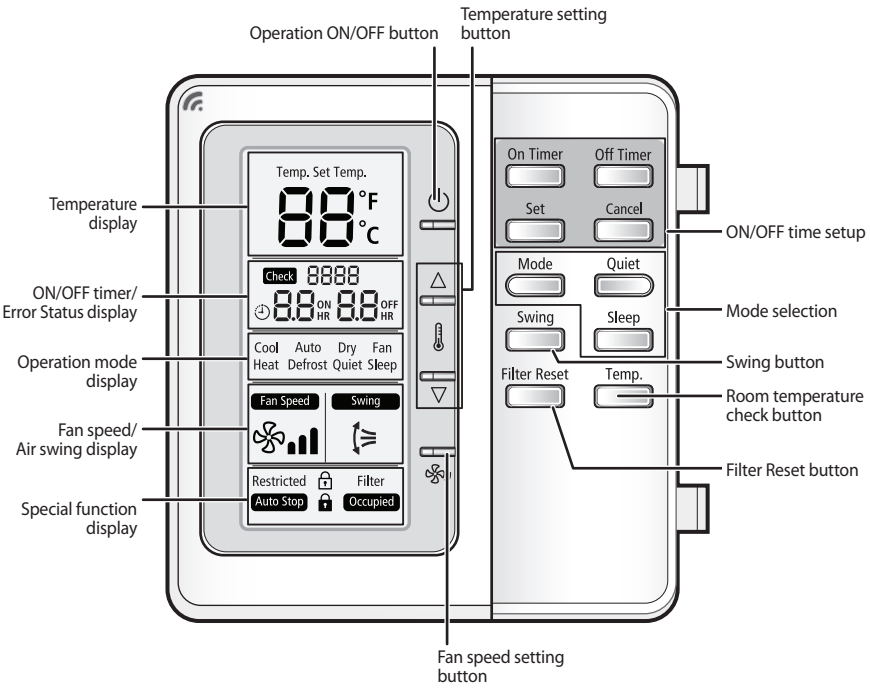
Wired remote controller

The wired remote controller is installed on the wall.



Note

- DIP switch setting is recognized during the initialization. If any changes are mode to the DIP switch setting after the initialization, you have to initialize the system by pressing Set and Cancel or reset the power.
- Press the Filter Reset button after cleaning the air filter. Filter sign will be off.
  The remote controller will display the filter sign to alert the user to clean the filter and turn off the display when the Filter Reset button are pressed.
- Restricted will be displayed if you press the button of the function that the indoor unit does not support.
- If the indoor unit does not support Set temperature display,
  Set temperature is not displayed on remote controller.

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Getting Started

You have just purchased a wired remote controller and it has been installed by your installation specialist.

Your User's Manual contain much valuable information on using your wired remote controller. Please take the time to read them as they will help you take full advantage of the unit's features.

In the manual, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use 3 different symbols:

PRESS	**PUSH**	**HOLD DOWN**

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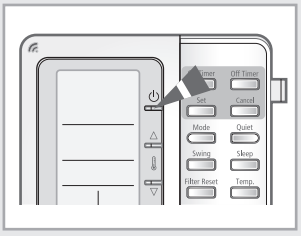
Selecting the Automatic Operating Mode

The room temperature and the fan speed are controlled automatically in the auto mode.



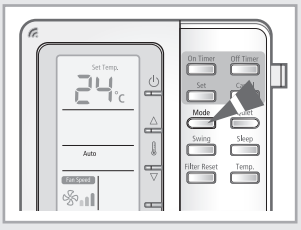
1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.

CAUTION

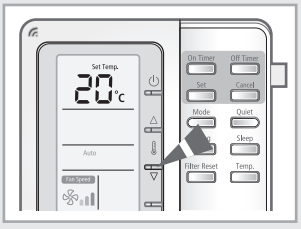
The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

The air conditioner will start up after 3 minutes.



2 To select the AUTO mode, press the Mode button until **Auto** is displayed on the remote controller.

Result:
- ◆ The air conditioner will operate in auto mode.
- ◆ The auto fan speed will be selected automatically in auto mode. You cannot control the fan speed.



3 To adjust the temperature, press the buttons. The temperature can be set between 18℃(65℉) and 30℃(86℉).

Result: The temperature will be adjusted by 1℃(1℉) when the buttons are pressed.

4 To adjust the air swing direction, refer to page 13.

Note ***Fan speed in auto mode***

When the room temperature is high, cool and strong air will come out. After the room is cooled, mild air will come out.

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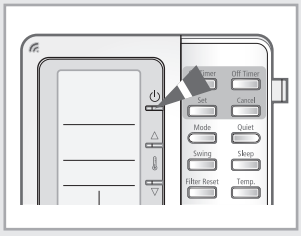
Selecting the Cooling Mode

Select the cooling mode to lower the room temperature.



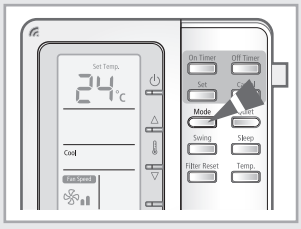
1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.

CAUTION

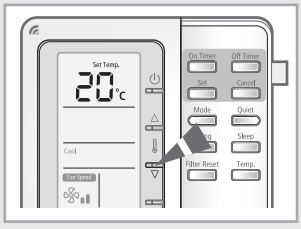
The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

The air conditioner will start up after 3 minutes.



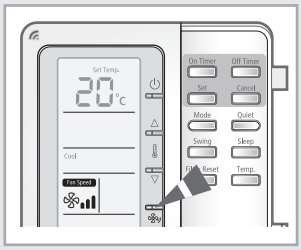
2 To select the COOL mode, press the Mode button until **Cool** is displayed on the remote controller.

Result: The air conditioner will operate in cooling mode.



3 To adjust the temperature, press the buttons. The temperature can be set between 18°C(65°F) and 30°C(86°F).

Result: The temperature will be adjusted by 1°C(1°F) when the buttons are pressed.



4 Select the fan speed by pressing the button.

Result: Each time the button is pressed, fan speed will change in the following order:
Low → Med → High → Auto

5 To adjust the air swing direction, refer to page 13.

Note ***If you select heating mode while the cooling mode is in operation, cooling mode will be canceled.***

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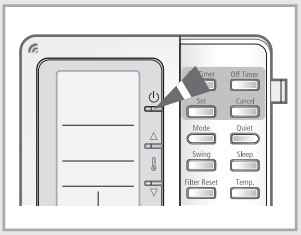
Selecting the Dry Mode

Select the dry mode if the room is too humid.
Using this mode will slightly lower the room temperature.



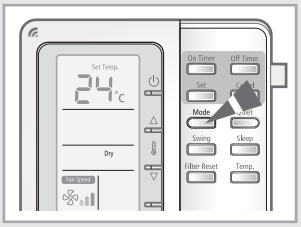
1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.

CAUTION

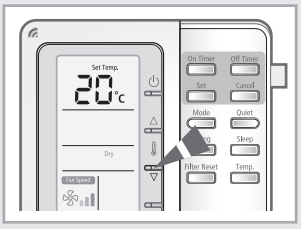
The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

The air conditioner will start up after 3 minutes.



2 To select the DRY mode, press the Mode button until **Dry** is displayed on the remote controller.

Result:
- ◆ The air conditioner will operate in dry mode.
- ◆ The Auto fan speed will be selected automatically in the dry mode. You cannot control the fan speed.



3 To adjust the temperature, press the buttons. The temperature can be set between 18℃(65°F) and 30℃(86°F).

Result: The temperature will be adjusted by 1℃(1°F) when the buttons are pressed.

4 To adjust the air swing direction, refer to page 13.

Note ***If the indoor unit does not support Dry mode, Dry is not displayed on remote controller.***

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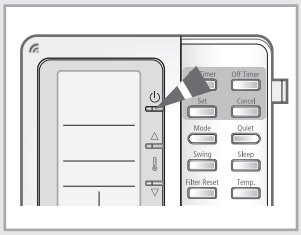
Selecting the Fan Mode

Select the fan mode to circulate air without changing the temperature.

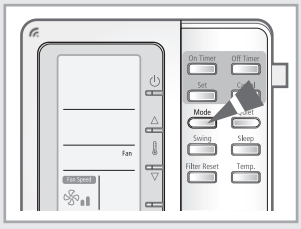


1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.

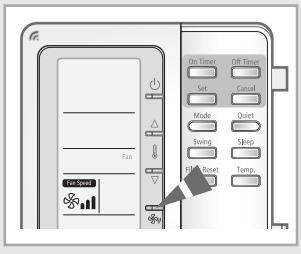
CAUTION The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

The air conditioner will start up after 3 minutes.



2 To select the FAN mode, press the Mode button until **Fan** is displayed on the remote controller.

Result:
- ◆ The air conditioner will operate in fan mode.
- ◆ You cannot adjust the temperature in fan mode.



3 Select the fan speed by pressing the button.

Result: Each time the button is pressed, fan speed will change in the following order:
Low → Med → High

4 To adjust the air swing direction, refer to page 13.

Note ***If the indoor unit does not support Fan mode, and you have pressed the button, the*** Restricted ***lamp will be displayed.***

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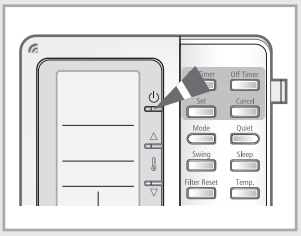
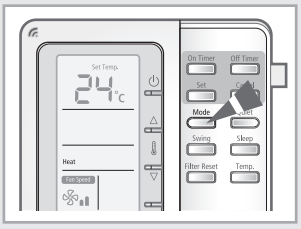
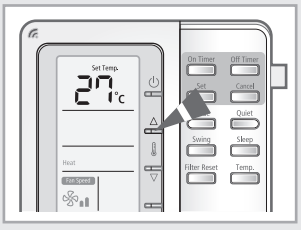
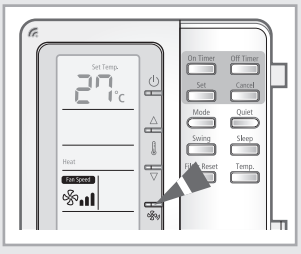
Selecting the Heating Mode

The heating mode can be selected only on the heat pump models.









Select the heat mode to raise the room temperature.

1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.

CAUTION The air conditioner has a built-in protection mechanism to prevent the unit from being damaged when it is started immediately after being:
- ◆ Plugged in
- ◆ Stopped

The air conditioner will start up after 3 minutes.

2 To select the HEAT mode, press the Mode button until **Heat** is displayed on the remote controller.

Result: The air conditioner will operate in heating mode.

3 To adjust the temperature, press the buttons. The temperature can be set between 16℃(61℉) and 30℃(86℉).

Result:
- ◆ The temperature will be adjusted by 1℃(1℉) when the buttons are pressed.
- ◆ The air conditioner will start heating if the set temperature is higher than the room temperature.
- ◆ The fan will operate even if the set temperature is lower than the room temperature.

4 Select the fan speed by pressing the button.

Result: Each time the button is pressed, fan speed will change in the following order:
Low → Med → High → Auto

5 To adjust the air swing direction, refer to page 13.

Note
- ◆ ***After starting heating operation, the air may not come out immediately to prevent the cold air from coming out.***
- ◆ Defrost ***(Defrost indicator)***
  - ***Defrost indicator will be on while your outdoor unit defrosts the frost formed during heating operation. After defrosting is completed, the indicator will be off. (Air will not come out of the indoor unit while defrosting.)***
- ◆ ***If you stop running the air conditioner after heating operation, the air will come out for a while to radiate heat.***
- ◆ ***If you select cooling mode while the heating mode is in operation, heating mode will be canceled.***

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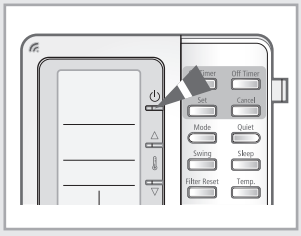
Selecting the Quiet Mode

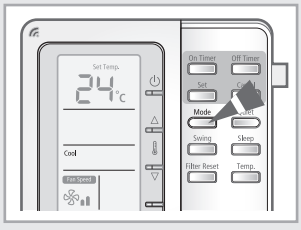
Select the quiet mode to run the indoor unit as quietly as possible.

1 Press the (ON/OFF) button to turn on the indoor unit.
- Do not press the (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.



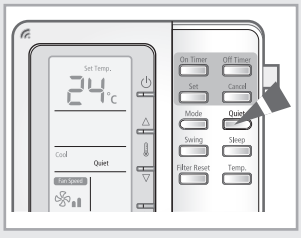
2 Select the desired operation mode by pressing the Mode button.



3 Press the Quiet button to select the Quiet mode.

Result:
- The air conditioner will operate in quiet mode.
- Operating noise will be reduced.

Note Press the Quiet button again to exit the quiet mode.



Note
- ***If the indoor unit does not support Quiet mode,*** Restricted ***will be displayed when you press the*** Quiet ***button.***
- ***If you press the*** Quiet ***button in fan mode,*** Restricted ***will be displayed.***

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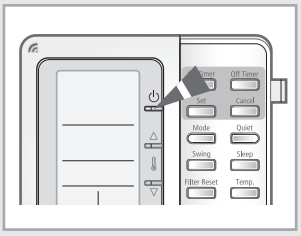
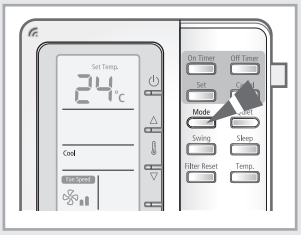
Selecting the Sleep Mode

Select the sleep mode to sleep in comfort without worrying to turn off the air conditioner in the middle of the night.
The air conditioner will turn off automatically after 6 hours.



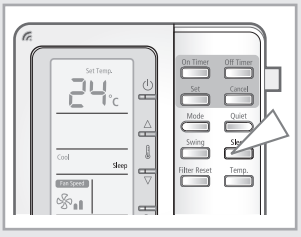
1 Press the ⏻ (ON/OFF) button to turn on the indoor unit.
- Do not press the ⏻ (ON/OFF) button if the remote controller is on.

Result: The air conditioner will be turned on with the most recently used mode.



2 Select the desired operation mode by pressing the Mode button.

Note Only cooling and heating mode support the sleep mode.



3 Press the Sleep button to select the Sleep mode.

Result:
- The air conditioner will operate in sleep mode.
- The air conditioner will gradually raise or lower the set temperature internally and eventually turn off automatically after 6 hours.

Note Press the Sleep button again to exit the sleep mode.

Note
- ***If the indoor unit does not support Sleep mode,*** Restricted ***will be displayed when you press the*** Sleep ***button.***
- ***If the indoor unit is not in Cool/Heat mode,*** Restricted ***will be displayed when you press the*** Sleep ***button.***

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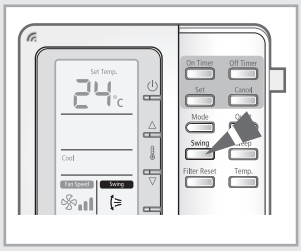
Adjusting the Air Swing Direction

Adjust the air swing direction to circulate the air according to various needs. By adjusting the air swing direction, the efficiency of the air conditioner can be increased.



1 Press the Swing button.

Result:
- The blade will start swinging up and down.
- Press the Swing button again to stop the blade from swinging and set the blade to the desired position.

Note ***The air swing direction cannot be set on duct type indoor units.***
Restricted ***will be displayed when the Swing button is pressed.***

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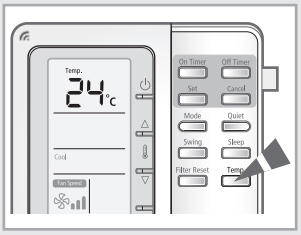
Checking the Room Temperature



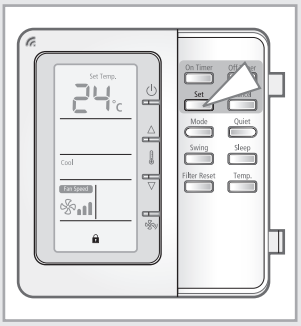
You can check the current room temperature.

1 Press the Temp. button to check the room temperature.

Result: The room temperature will be displayed for 3 seconds and return to set temperature display.

Note The room temperature may be slightly different depending on the installation location of the remote controller.

Locking the Wired remote controller



Lock the wired remote controller to prevent it from children and changing the settings unwillingly.

1 Press the Set button for 3 seconds.

Result:
- 🔒 will be displayed and the wired remote controller is locked.
- When the wired remote controller is locked, you cannot control the air conditioner by the wired remote controller.

Note Press the Set button for 3 seconds again to cancel the lock.

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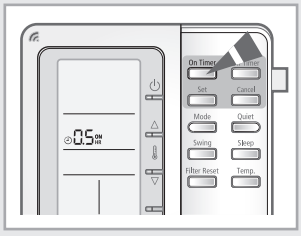
Setting the On Timer

You can set the indoor unit, which is connected to the wired remote controller, to turn on at the pre-set time.

1 Press the On Timer button to set the On Timer.

Result:
- Default time (0.5 hour) will be displayed and the 'On' indicator will blink.
- If the On Timer is already set, current time will be displayed and 'On' indicator will blink.



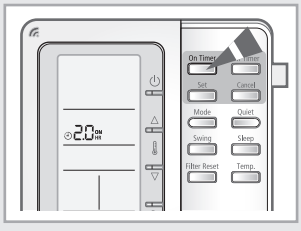
2 Press the On Timer button until you set your desired time.

Result: You can set the time between 0.5~24 hours.

Note

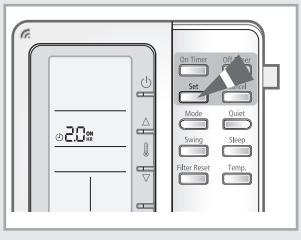
0.5~3 hours : Time will be changed in 0.5 hour unit each time you press the On Timer button.

3~24 hours : Time will be changed in 1 hour unit each time you press the On Timer button.



3 Press Set button to set the time.

Result:
- 'On' indicator will stop blink.
- When the pre-set time passes, indoor unit will turn on automatically.
- Operation mode, temperature, fan speed, air flow direction will be same as the most recent operation settings.



Note

- ***When the On Timer is set, you can cancel it by pressing the Cancel button.***
- ***When the centralized control is set, Timer will not be effective.***
- ***Timer will be canceled if you press either On Timer or Off Timer button while the Timer is already set.***
- ***Timer will be canceled if you reset the wired remote controller.***
- ***You can set one On Timer and Off Timer each.***
- ***Timer will be canceled if you turn on the wired remote controller with ⏻ button while the Timer is set.***

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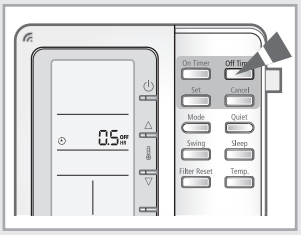
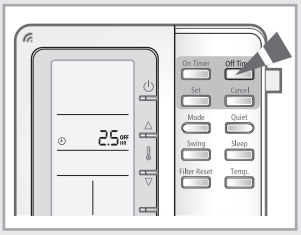
Setting the Off Timer

You can set the indoor unit, which is connected to the wired remote controller, to turn off at the pre-set time.



1 Press the Off Timer button to set the Off Timer.

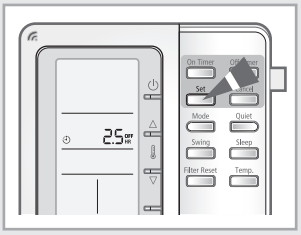
Result:
- ◆ Default time (0.5 hour) will be displayed and the 'Off' indicator will blink.
- ◆ If the Off Timer is already set, current time will be displayed and the 'Off' indicator will blink.



2 Press the Set button until you set your desired time.

Result: You can set the time between 0.5~24 hours.

Note
- 0.5~3 hours : Time will be changed in 0.5 hour unit each time you press the Off Timer button.
- 3~24 hours : Time will be changed in 1 hour unit each time you press the Off Timer button.



3 Press Set button to set the time.

Result:
- ◆ 'Off' indicator will stop blink.
- ◆ When the pre-set time passes, indoor unit will turn off automatically.

Note
- ◆ ***When the Off Timer is set, you can cancel it by pressing the Cancel button.***
- ◆ ***When the centralized control is set, Timer will not be effective.***
- ◆ ***Timer will be canceled if you press either On Timer or Off Timer button while the Timer is already set.***
- ◆ ***Timer will be canceled if you reset the wired remote controller.***
- ◆ ***You can set one On Timer and Off Timer each.***
- ◆ ***Timer will be canceled if you turn off the wired remote controller with ⏻ button while the Timer is set.***

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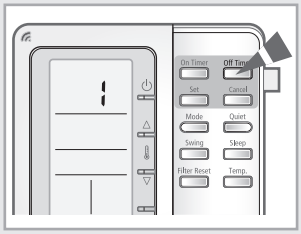
Setting the Auto Stop Function

The wired remote controller can be set to turn off the indoor unit(s) after a set period of time has passed since any button on the remote controller was last pressed. This function is used to turn off the indoor unit in case the user forgets to turn off the indoor unit.

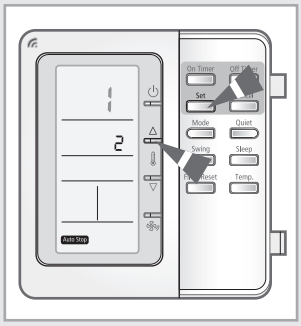
1 Press the Off Timer button for 3 seconds to enter the setup mode.

Result:
- The wired remote controller will enter the setup mode and the menu will display ⁞.
- Press the Set button to enter the Auto Stop setup mode.



2 Press the △ / ▽ buttons to set the auto stop time.

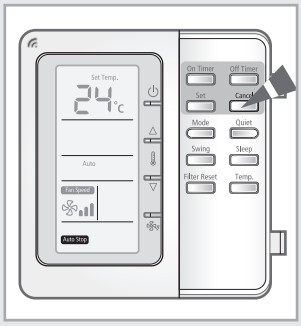
Result:
- Time is adjusted by 1 hour when the △ / ▽ buttons are pressed.
- The default time setting is 0. The auto stop time can be set between 0 and 12 hours.
- If you select 0, auto stop function will be canceled.



3 Press the Set button to complete the auto stop function.

Result: Auto stop function is set.

Note To cancel the auto stop function, press the Cancel button.



4 Press the Cancel button.

Result:
- Menu selection display will end.
- Auto Stop will be displayed.

Note
- ***The time-counting of Auto Stop function is clear after pressing the ⏻, △ / ▽, 🌀, Mode, Quiet, Swing, Sleep buttons.***
- ***Auto Stop function doesn't work under the centralized control.***

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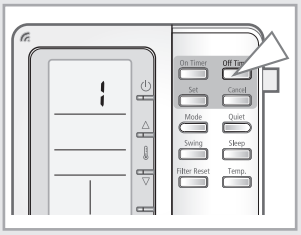
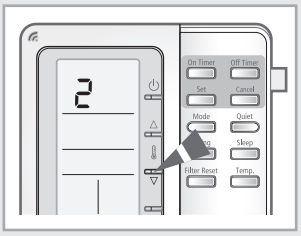
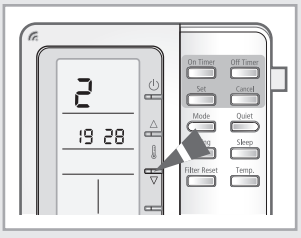
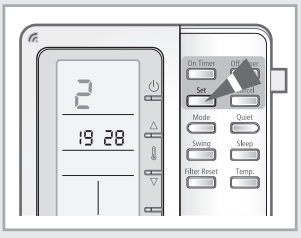
Setting the Temperature Limits









You can set upper limit/lower limit temperature so that the desired temperature is not set too high or low.

1 Press the Off Timer button for 3 seconds to enter the setup mode.

Result: The wired remote controller will enter the setup mode and the menu will display 1.

2 Press the ▲ / ▼ buttons and select menu 2.

Result:
- Each time the ▲ / ▼ buttons are pressed, menu number increases by 1.
- Press the Set button to enter the temperature limit setup mode.

3 Set the lower and upper temperature limit by pressing the ▲ / ▼ buttons.

Note
- Set the lower limit first by pressing the ▲ / ▼ buttons followed by the Set button and set the upper limit.
- Each time the ▲ / ▼ buttons are pressed, the temperature is increased/decreased by 1°C(1°F) .
- Press the Set button after setting.
- Press the Cancel button to cancel the temperature limits setup.

4 Press the Set button to complete the temperature limit settings.

Result: The temperature setting will be restricted by the set lower/upper temperature limit.

Note Press the Cancel button to cancel the setting.

5 Press the Cancel button.

Result: Menu selection display will end.

Note
- ***The lower limit can not be same or higher than upper limit.***
- ***Even though you set the lower temperature limit to 16°C(61°F), lower temperature will be set to 18°C(65°F) in all the modes except in heating mode. When you set the lower temperature limit to 18°C(65°F), it will be applied under all the operation modes.***

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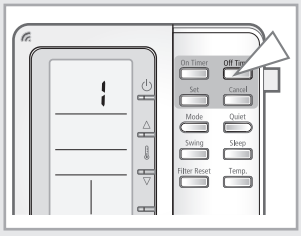
Locking the Part of the Wired remote controller

To prevent the wired remote controller from children and changing settings unwillingly, you can lock some functions of wired remote controller.

1 Press the Off Timer button for 3 seconds to enter the setup mode.

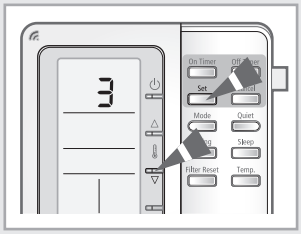
Result: The wired remote controller will enter the setup mode and the menu will display 1.



2 Press the △ / ▽ buttons and select menu 3.

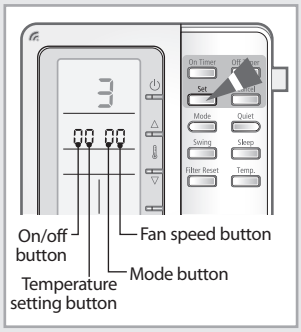
Result:
- Each time the △ / ▽ buttons are pressed, menu number increases by 1.
- Press the Set button to enter the lock setup mode.

Note Press the Cancel button to cancel the setting.



3 Using the △ / ▽ buttons, you can set the lock setting value of the ⏻, △ / ▽, Mode, buttons.

Result:
- Lock setting value
  - 0: Cancel lock
  - 1: Set lock
- Press the Set button after setting.



4 Press the Set button to complete the part lock settings.

Result:
- Changed settings will be applied.
- 🔒 will be displayed when the lock function is set.

Note Press the Cancel button to cancel the setting.

5 Press the Cancel button.

Result: Menu selection display will end.

Note
- ***If the centralized control is set, you cannot use the part lock function.***
- ***You cannot use the part lock function when Lock all is set.***
- ***Part Lock function can be applied to ⏻, △ / ▽, Mode, and buttons only.***

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